Vegetation Management LLC 2901-12 Rivendell Knoxville, TN 37922 206-812-8647 800-979-8994

"For Chemical Emergency"

Spill, Leak, Fire, Exposure or Accident, Call: Chemtrec (24 Hours): (800) 424-9300 Outside U.S., call collect: (703) 527-3887

MATERIAL SAFETY DATA SHEET

CHEMICAL FORMILA: Oryzalin 4 Pro		2	SECTION)N 1 -	PKODU	CIII	JEN I	LIFI	CATIO	IN	
SECTION 2 - HAZARDOUS INGREDIENT INFORMATION Section 313 of SARA Title III: Ingredients subject to reporting are identified by asterisk (*) CAS NO. COMPONENT	PRODUCT NAME:					CHEMICAL FORMULA:					
CAS NO. COMPONENT	V	egetation Mana	ger Oryzali	n 4 Pro		Oryzalin: 3,5-DinitroN4, N4-dipropyl-sulfanilamide					
CAS NO. COMPONENT % ACCHITTLY OSHA PEL OTHER											
CAS NO. COMPONENT % ACCHITU OSHA PEL OTHER		SECTIO	N 2 - H	AZAI	RDOUS I	NGR	EDIE	ENT I	INFOR	MATION	
CAS NO. COMPONENT % ACCIII TLV OSHA PEL OTHER		Section 31	3 of SARA	Title III: 1	Ingredients sub	piect to 1	eporting	are ide	entified by a	asterisk (*)	
SECTION 3 - PHYSICAL PROPERTIES BOILING POINT: MELTING POINT: SPECIFIC GRAVITY (H ₂ O=1) VAPOR PRESSURE (mmHg) 212 F N/A 1.138 - 1.239 @ 25C (77F) 23 mmHg @ 25 C VAPOR DENSITY (AIR=1): % SOLUBILITY IN WATER: % VOLATILE BY WEIGHT: 1.178 Miscible in water NE APPEARANCE: ODOR: EVAPORATION RATE (Butyl Acetate=1) Flight orange opaque liquid Slight aromatic odor <1 SECTION 4 - FIRE AND EXPLOSION HAZARD DATA	CAS NO.				g	3					
BOILING POINT: BOILING POINT: 1.13F	019044-88-3						41	N/A		N/A	N/A
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						Use safety glasses					
Long sleeved shirt and long pants; shoes plus socks AVOID SKIN AND EYE CONTACT											

PRODUCT NAME: Vegetation Manager Oryzalin 4 Pro

SECTION 7 - HEALTH HAZARDS								
PRIMARY ROUTES OF ENTRY:								
SKIN AND EYES								
CARCINOGEN:	NTP:	IARC MONOGRAPHS:	OSHA:					
NONE KNOWN	N/A	N/A	N/A					

INHALATION:

At room temperature, exposure to vapors are minimal due to physical properties.

EYE CONTACT:

May cause slight transient eye irritation. Corneal injury is unlikely.

SKIN CONTACT:

Prolonged exposure may cause some skin irritation.

INGESTION:

Single dose toxicity is low. The oral LD50 for rats is 5000 mg/kg

SECTION 8 - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINS.

SKIN CONTACT:

Wash off in flowing water or shower.

INHALATION:

Remove to fresh air if effects occur. Consult a physician.

INGESTION:

If swallowed seek medical attention. DO NOT induce vomiting unless directed to do so by medical personnel.

SECTION 9 - SPILL, LEAK & DISPOSAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Use absorbent material to contain and clean up small spills. Scoop up and dispose as waste in approved disposal facility. Prevent runoff. DISPOSE OF IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.

WASTE DISPOSAL METHOD:

DISPOSE OF IN APPROVED WASTE DISPOSAL FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 10 - SHIPPING DATA

DOT SHIPPING NAME:

NONE

SECTION 11 - SPECIAL PRECAUTIONS & OTHER INFORMATION

SPECIAL INSTRUCTIONS:

OTHER INFORMATION/PRECAUTIONS:

Read and follow all label instructions before use. Avoid contaminating water. Do not reuse containers. Open dumping is prohibited.

COMMON ABBREVIATIONS THAT MAY HAVE BEEN USED: N/A = NOT APPLICABLE N/E = NOT ESTABLISHED

The information provided on this Material Safety Data Sheet is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Vegetation Management, LLC. The data on this sheet relates only to the specific material designated herein. Vegetation Management, LLC assumes no legal responsibility for the accuracy or completeness of this data, nor for use or reliance upon this data.

DATE: 03/14/02